

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P21585Serial No.  
10/084,049INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Christian E. HOFSTAEDTER et al.Filing Date  
February 28, 2002Group  
2661

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	5 4 1 2 3 7 5	05/02/95	WOOD			
	5 4 2 0 5 7 4	05/30/95	ERICKSON et al.			
	5 4 5 2 4 7 1	09/19/95	LEOPOLD et al.			
	5 5 3 7 2 2 0	07/16/96	EZUMI et al.			
	5 7 1 7 7 3 7	02/10/98	DOVIK et al.			
	5 6 0 2 8 4 3	11/11/97	GRAY			
	5 2 4 9 2 1 8	09/28/93	SAINTON			
	5 3 5 3 3 3 4	10/04/94	O'SULLIVAN			
	5 3 6 7 5 6 3	11/22/94	SAINTON			
	5 1 2 7 0 4 1	06/30/92	O'SULLIVAN			
	4 9 7 2 4 5 7	11/20/90	O'SULLIVAN			
	4 6 9 7 2 8 1	09/29/97	O'SULLIVAN			
	5 4 5 7 6 8 0	10/10/95	KAMM et al.			
	5 4 0 4 3 9 2	04/04/95	MILLER et al.			
	5 3 7 9 4 4 8	01/03/95	AMES et al.			
	5 2 1 2 7 2 4	05/18/93	NAZARENKO et al.			
	4 9 6 9 1 8 4	11/06/90	GORDON et al.			
	4 8 3 3 7 0 1	05/23/89	COMROE et al.			
	5 5 5 9 8 6 0	09/24/96	MIZIKOVSKY			
	5 5 9 8 4 1 2	01/28/97	GRIFFITH et al.			
	5 6 1 0 9 7 4	03/11/97	LANTTO			
	5 5 0 4 7 4 6	04/02/96	MEIER			
	5 0 4 2 0 8 2	08/20/91	DAHLIN			
	5 2 5 7 4 0 1	10/26/93	DAHLIN et al.			
	5 2 6 0 9 8 8	11/09/93	SHELLINGER et al.			
	5 4 7 9 4 8 0	12/26/95	SCOTT			

EXAMINER

Melanie Sogt

DATE CONSIDERED

5/3/03

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P21585Serial No.  
10/084,049INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Christian E. HOFSTAEDTER et al.Filing Date  
February 28, 2002Group  
2661

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MW	5 5 5 0 8 9 3	08/27/96	HEIDARI			
	5 5 6 4 0 7 7	10/08/96	OBAYASHI et al.			
	5 6 9 7 0 5 5	12/09/97	GILHOUSEN et al.			
	5 7 1 0 9 8 6	01/20/98	OBAYASHI et al.			
	5 7 3 2 3 5 9	03/24/98	BARANOWSKY, II et al.			
	5 7 6 1 6 2 3	06/02/98	LUPIEN et al.			
	5 8 2 6 1 8 8	10/20/98	TAYLOE et al.			
	5 8 7 0 6 7 3	02/09/99	HAARTSEN			
	5 8 7 8 3 4 4	03/02/99	ZICKER			
	5 9 1 5 2 1 4	06/22/99	REECE et al.			
	5 9 7 8 6 7 9	11/02/99	AGRE			
	5 7 9 3 8 4 3	08/11/98	MORRIS			
	5 8 0 2 4 8 3	09/01/98	MORRIS			
	5 8 2 5 7 7 5	10/20/98	CHIN et al.			
	5 5 6 6 2 3 6	10/15/96	MELAMPY et al.			
	5 6 1 0 9 0 5	03/11/97	MURTHY et al.			
	5 4 3 4 8 6 3	07/18/95	ONISHI et al.			
	5 8 2 8 6 5 9	10/27/98	TEDER et al.			
	5 6 5 9 5 9 6	08/19/97	DUNN			
	5 8 3 9 0 7 5	11/17/98	HAARTSEN et al.			
	5 6 3 3 8 7 3	05/27/97	KAY et al.			
	5 5 3 0 9 4 5	06/25/96	CHAVEZ, Jr. et al.			
	5 6 7 3 2 6 8	09/30/97	SHARMA et al.			
	5 5 5 5 5 5 3	09/10/96	JONSSON			
	4 9 8 9 2 3 0	01/29/91	GILLIG et al.			
	5 6 2 5 6 7 3	04/29/97	GREWE et al.			
	5 3 2 5 3 6 2	06/28/94	AZIZ			

RECEIVED

JUN 11 2002

Technology Center 2600

EXAMINER

Melina Fast

DATE CONSIDERED

5/3/03

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P21585Serial No.  
10/084,049INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Christian E. HOFSTAEDTER et al.Filing Date  
February 28, 2002Group  
2661

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	H 1 6 4 1	04/01/97	SHARMAN			
MP	5 8 9 0 0 5 4	03/30/99	LOGSDON et al.			
MP	5 9 8 7 0 1 1	11/16/99	TOH			
MP	4 8 3 7 8 0 0	06/06/89	FREEBURG et al.			
MP	5 1 7 3 9 3 3	12/22/92	JABS et al.			
MP	6 0 3 2 0 4 2	02/29/00	KAUPPI			

RECEIVED

JUN 11 2002

Technology Center 2000

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
6 3 2 2 4 4 2 2	09/19/88	JAPAN			
3 - 3 2 1 2 5	02/12/91	JAPAN			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MP	1	English Language Abstract of JP 63-224422.
	2	English Language Abstract of JP 3-32125.
	3	"KeyWare™ - A Wireless Distributed Computing Environment", Racotek White Paper, RACOTEK, Inc., Minneapolis, MN, 1995.
	4	"MAVRIC 2000: Integrated Data and Voice Communications System", MAVRIC 2000 Performance Specifications Brochure, Metric Systems Corp., Acton, MA, 1991.
	5	"RacoNet: Mobile Data Communication Services Product Catalog," Rev. 1.03, RACOTEK, Inc., Minneapolis, MN, 1993.
	6	"Racotek: Design Considerations for Mobile Data Applications", Racotek 400-0054-00, RACOTEK, Inc., Minneapolis, MN, January 1993.
	7	"RacoNet: Mobile Data Communications Services Price List", Rev. 1.03, RACOTEK, Inc., Minneapolis, MN, 1993.
	8	"MPS II System Component: Mobile System Printer", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, February 1990.
	9	"MPS II System Component: Mobile System Data Terminal", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, February 1990.

EXAMINER

Melene Jant

DATE CONSIDERED

5/3/03

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P21585Serial No.  
10/084,049INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Christian E. HOFSTAEDTER et al.Filing Date  
February 28, 2002Group  
2661

RECEIVE

JUN 11 2002

Technology Center

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	0	"MPS II System Component: Adaptive Network Modem", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, February 1990.
1	1	"Racotek Overview", RACOTEK, Inc., Minneapolis, MN, 1993.
1	2	"Unify Your Mobile Data Communications with RacoNet", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, 1993.
1	3	"The Race is Won by the Fleet", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN (publication date unknown).
1	4	<u>Datalines</u> , Volume 5, No. 2, RACOTEK, Inc., Minneapolis, MN, April 1993.
1	5	<u>Datalines</u> , Volume 5, No. 3, RACOTEK, Inc., Minneapolis, MN, September 1993.
1	6	<u>Datalines</u> , Volume 6, No. 1, RACOTEK, Inc., Minneapolis, MN, February 1994.
1	7	"RACOTEK/HDC: Operations Booklet for Mobile Data Terminals", RACOTEK, Inc., Minneapolis, MN, 1993.
1	8	SHPANCER et al., "Open Data-On-Voice Systems for SMRs", RACOTEK - Radio Computer Technologies, presented at NABER's 1990 Annual Meeting, May 9-12, Tampa, FL, 1990.
1	9	"How to Hold Together a Business that Heads Off in Every Direction", RaCoNet Networking Software, Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN (publication date unknown).
2	0	Robert J. FRASER, "The MTS-Part II", <u>Communications</u> , pp. 52-55, August 1991.
2	1	"Wireless Data Communications and RAM Mobile Data", RAM Mobile Data Sales Brochure, RAM Mobile Data U.S.A., 1992.
2	2	"RAM Mobile Data: Field Service", RAM Mobile Data Sales Brochure, RAM Mobile Data U.S.A., 1992.
2	3	"Market Opportunities for System Integrators, Mobile Data Terminal Manufacturers, Radio and Modem Manufacturers, and Software Developers", RAM Mobile Data Sales Brochure, RAM Mobile Data U.S.A. (publication date unknown).
2	4	<u>On the Air</u> , a quarterly publication of ARDIS, Lincolnshire, IL, Vol. 3, Spring 1993.
2	5	<u>On the Air</u> , a quarterly publication of ARDIS, Lincolnshire, IL, Vol. 4, July 1993.
2	6	<u>On the Air</u> , a quarterly publication of ARDIS, Lincolnshire, IL, Vol. 5, Fall 1993.
2	7	Robert B. EULER, "Making the Mobile Communications Connection", <u>MSM Magazine</u> , June 1990.
2	8	"ARDIS Marks First Birthday of Network Operation", ARDIS News Release, ARDIS, Lincolnshire, IL, April 1991.
2	9	"ARDIS Extends its Reach into Canada", ARDIS News Release, ARDIS, Lincolnshire, IL, February 1992.
3	0	"ARDIS Focuses on Sales Force Automation", ARDIS News Release, ARDIS, Lincolnshire, IL, October 1993.
3	1	"ADIS Sets the Standard for Wireless Data Communications", ARDIS News Release, ARDIS, Lincolnshire, IL (publication date unknown);
3	2	"How Does One Overnight Delivery Service Guarantee Overnight Success?", ARDIS Sales Advertisement, ARDIS,

EXAMINER

*Melano*

DATE CONSIDERED 5/3/03

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P21585Serial No.  
10/084,049INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Christian E. HOFSTAEDTER et al.Filing Date  
February 28, 2002Group  
2661

RECEIVED

JUN 11 2002

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Technology Center 2

15			Lincolnshire, IL (publication date unknown).
	3	3	"ServiceXpress", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL (publication date unknown).
	3	4	"ARDIS is the First Radio Frequency Network for the Motorola Envoy Wireless Personal Communicator", <u>Communications by Ardis</u> , ARDIS Sales Brochure, ARDIS, Lincolnshire, IL (publication date unknown)
	3	5	"ARDIS", Company Profile Brochure, ARDIS, Lincolnshire, IL (publication date unknown).
	3	6	"ARDISmailSM 100: The Wireless E-Mail Package", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL (publication date unknown).
	3	7	"Congratulations. You Have the Sale!", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL (publication date unknown).
	3	8	"Wireless Solutions Can Mean the Difference...", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL (publication date unknown).
	3	9	"Achieving the Highest Level of Productivity with New Thinking and a New Vision", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL (publication date unknown).
	4	0	Form S-1 Registration Statement of RACOTEK Inc. (with exhibits), as filed with the Securities and Exchange Commission on October 22, 1993.
	4	1	Amendment No. 1 to Form S-1 Registration Statement of RACOTEK Inc., as filed with the Securities and Exchange Commission on November 4, 1993.
	4	2	Ericsson GE, "Mobile Data System Evolution", publication date unknown.
	4	3	Ericsson GE, "Mobile Data Questions & Answers", dated March 3, 1994.
	4	4	Ericsson GE, "Private Radio Systems EDACS® Data Advantage™ Technical Description", publication date unknown.
	4	5	Motorola, Inc., "Integrated Voice and Data System Description", publication date unknown.
	4	6	Motorola, Inc., "VRM-100 Vehicular Radio Modem", publication date unknown
	4	7	Motorola Private Systems Division Land Mobile Products Sector, "VRM 100 Vehicular Radio Modem For Integrated Voice and Data Operation on Smartnet and SmartZone Trunked Radio Systems and Conventional Radio Systems - Product Description", April 5, 1994.
	4	8	Motorola Mobile Data Division, "RPM Native Mode Interface R1.1 Reference Manual", published September, 1992.
	4	9	HUNT, Craig, "TCP/IP Network Administration" O'Reilly & Associates, Inc., pages 28 - 35 (1992).
	5	0	Johnson, David B. et al., "Protocols for Adaptive Wireless and Mobile Networking", <u>IEEE Personal Communications</u> , Vol. 3, No. 1, pp.34-42, February 1996.
✓	5	1	Hills, Alex et al., "A Wireless Data Network Infrastructure at Carnegie Mellon University"; <u>IEEE Personal Communications</u> .

EXAMINER

*Melanie Tegen*

DATE CONSIDERED 5/3/03

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P21585Serial No.  
10/084,049INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

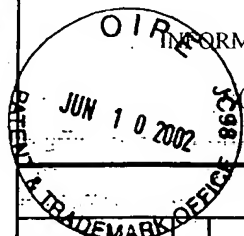
Applicant  
Christian E. HOFSTAEDTER et al.Filing Date  
February 28, 2002Group  
2661

RECEIVED

JUN 11 2002

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Technology Center 26



Vol. 3, No. 1, pp.56-63, February 1996.
5 2 Johnson, David B., "Scalable Support for Transparent Mobile Host Internetworking", <u>Wireless Networks</u> , Vol. 1, No. 3, pp. 311-321 (1995).
5 3 Johnson, David B., "Scalable and Robust Internetwork Routing for Mobile Hosts", 14th International Conference on Distributed Computing Systems, June 21-24, 1994, Pozman, Poland.
5 4 Johnson, David B., "Ubiquitous Mobile Host Internetworking", <u>Proceedings of the Fourth Workshop on Workstation Operating Systems</u> , IEEE Computer Society, October 1993.
5 5 Perkins, Charles et al., "IMHP: A Mobile Host Protocol for the Internet", <u>Computer Networks and ISDN Systems</u> , Vol. 27 No. 3, pp. 479-491 (1994).
5 6 Johnson, David B., "Mobile Host Internetworking Using IP Loose Source Routing", Carnegie Mellon University, School of Computer Science (1993).
5 7 Perkins, Charles et al., "Mobility Support in IPv6", <u>Proceedings of the Second Annual International Conference on Mobile Computing and Networking (MobiCom '96)</u> , November 10-12, 1996.
5 8 Solomon, J., "Applicability Statement for IP Mobility Support", The Internet Engineering Taskforce, RFC 2005, October 1996.
5 9 Thyfault, M., "Wireless has a Support Act - Carriers at Comdex Tout Applications for Cellular Digital Packet Data," <u>Information Week</u> (1993).
6 0 Wexler, J., "CDPD Spec Could Embrace Analog Nets," <u>Network World</u> Vol. 12, No. 13 (March 1995): pp. 17, 24.
6 1 "Hybrid Cellular Data Technology in Works," <u>Telecommunications Alert</u> Vol. 12, No. 222 (November 1995).
6 2 Schwartz, J., "GTE Mobilnet Retrofits CDPD Network to Connect with Analog Cellular," <u>Communications Week</u> (1996): p. 53.
6 3 "GTE Closer to Installing Circuit Switched-CDPD Gateway; Plans to Offer National 'CDPD Access' via '800' Number Service," <u>Wireless Data News</u> , Vol. 4, Issue 6 (March 1996).
6 4 Washburn, B., "CDPD: The Tower of Power," <u>America's Network</u> (August 1996): p. 42.
6 5 Steward, S., "A Circuitous Route to CDPD Expansion; Cellular Digital Packet Data," <u>Cellular Business</u> Vol 13, No. 9 (September 1996): p. 102.
6 6 "Sierra Wireless Adds CS-CDPD," <u>Business Wire</u> (January 1997).
6 7 Sukow, R., "GTE Wireless's CS-CDPD Technology Will Be Commercially Available Feb. 3," <u>Communications Today</u> (January 1997).

EXAMINER

Melanie S. J.

DATE CONSIDERED

5/3/03

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Atty. Docket No.  
P21585Serial No.  
10/084,049Applicant  
Christian E. HOFSTAEDTER et al.Filing Date  
February 28, 2002Group  
2661

RECEIVED

JUN 11 2002

Technology Center 260

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- |   |   |  |
|---|---|--|
| 6 | 8 | "Wireless: GTE, Hughes Network Systems and PCSI Join to Provide Nationwide Wireless Access for 'Super Phones,' Other Intelligent Devices," <u>EDGE, on &amp; about AT&amp;T</u> (February 1997).   |
| 6 | 9 | Pate, K., "CS-CDPD May Solve Wireless Data User Problem with Coverage (Circuit Switched-Cellular Digital Packet Data Is Launched to Allow Data Users to Access CDPD Functionality Across an Entire Network)," <u>RCR Radio Communications Report</u> Vol. 16, No. 5 (February 1997): p. 2. |
| 7 | 0 | "GTE Wireless Launches Long-Anticipated CS-CDPD Service; Other Cellular Carriers Continue to Reject Hybrid Approach," <u>Wireless Data News</u> , Vol. 5, Issue 3 (February 1997).   |
| 7 | 1 | "Industry-News: CS-CDPD Goes Nationwide," <u>Advanced Transportation Industry Review</u> . (May 1997).   |
| 7 | 2 | "Dueling Realities: Cellular Data Developers Struggle to Build Business, Yet Foresee Future Consumer, Ad-Supported Market," <u>Wireless Data News</u> , Vol. 5, Issue 11 (May 1997).   |
| 7 | 3 | "GTE Wireless Offers National Access for 'Super Phones'," <u>Cellular Business</u> (June 1997.)  |
| 7 | 4 | Morris, J., "Guide to Wireless Data Networks," <u>Sierra Wireless</u> , (July 1997).   |
| 7 | 5 | "GTE, Sierra Announce CDPD Solution (GTE Wireless and Sierra Wireless Introduced a Circuit Switched Cellular Digital Packet Data Solution)," <u>RCR Radio Communications Report</u> (June 1998): p. 8.   |
| 7 | 6 | "GTE, Sierra Wireless Bring Circuit-Switched CDPD to Indiana Law Enforcement," <u>Wireless Data News</u> , Vol. 6, Issue 15 (July 1998)  |
| 7 | 7 | "Sierra Modem Adds Coverage (Indiana State Police Department is the First in US to Use New Circuit-Switched CDPD Modem from Sierra Wireless)," <u>Wireless Week</u> (July 1998):p.14. Available from DIALOG Corporation.   |
| 7 | 8 | "GTE and Sierra Wireless Extend Reach of Cellular Digital Packet Data Networks Nationwide,"  |
| 7 | 9 | "MP215: The First Ever CS-CDPD 3W Modem. (End-to-end wireless IP anywhere - Automatically)," Tri-M Systems, Coquitlam, B.C., Canada.   |
| 8 | 0 | "CS-CDPD," Available from World Wide Web: ( <a href="http://www.sierrawireless.com/alliance/nettech_cscdpd.asp">http://www.sierrawireless.com/alliance/nettech_cscdpd.asp</a> ), downloaded March 12, 2002.  |
| 8 | 1 | "Circuit Switch Cellular Digital Packet Data," Available from World Wide Web: <a href="http://www.leapforum.org/published/internetnetworkMobility/split/node91.html">http://www.leapforum.org/published/internetnetworkMobility/split/node91.html</a> ), downloaded March 18, 2002.        |
| 8 | 2 | "MP215 Modem Installation, Configuration, and User's Guide," Revision 1.0, Part Number 2110036, Sierra Wireless, June 1998   |
| 8 | 3 | "Where There's Voice, There's Now Cost-effective Data with Lucent Technologies' New Circuit Switched CDPD Capability," Lucent Technologies, June 1996.   |

EXAMINER

*Melanie J. Jett*

DATE CONSIDERED

5/3/03

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.